

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>			
				Application Number		10/752,993	
				Filing Date		January 8, 2005	
				First Named Inventor		Setsuo NAKAJIMA	
				Art Unit		2814	
				Examiner Name		Shrinivas H. Rao	
Sheet	1	of	4	Attorney Docket Number		740756-002683	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,210,050	05-11-1993	YAMAZAKI et al.	
		US-5,212,116	05-18-1993	YU	
		US-5,352,291	10-04-1994	ZHANG et al.	
		US-5,525,550	06-11-1996	KATO	
		US-5,604,153	02-18-1997	TSUBOUCHI et al.	
		US-5,608,232	03-04-1997	YAMAZAKI et al.	
		US-5,621,224	04-15-1997	YAMAZAKI et al.	
		US-5,693,541	12-02-1997	YAMAZAKI et al.	
		US-5,773,847	06-30-1998	HAYAKAWA	
		US-5,776,812	07-07-1998	TAKAHASHI et al.	
		US-5,795,795	08-18-1998	KOUSAI et al.	
		US-5,828,084	10-27-1998	NOGUCHI et al.	
		US-5,843,833	12-01-1998	OHTANI et al.	
		US-5,899,709	05-04-1999	YAMAZAKI et al.	
		US-5,907,770	05-25-1999	YAMAZAKI et al.	
		US-5,932,893	08-03-1999	MIYANAGA et al.	
		US-5,943,560	08-24-1999	CHANG et al.	
		US-5,956,579	09-21-1999	YAMAZAKI et al.	
		US-5,956,581	09-21-1999	YAMAZAKI et al.	
		US-6,066,516	05-23-2000	MIYASAKA	
		US-6,071,766	06-06-2000	YAMAZAKI et al.	
		US-6,071,796	06-06-2000	VOUTSAS	
		US-6,093,587	07-25-2000	OHTANI	
		US-6,107,639	08-22-2000	YAMAZAKI et al.	
		US-6,121,660	09-19-2000	YAMAZAKI et al.	
		US-6,124,154	09-26-2000	MIYASAKA	
		US-6,143,661	11-07-2000	KOUSAI et al.	
		US-6,160,279	12-12-2000	ZHANG et al.	
		US-6,165,824	12-26-2000	TAKANO et al.	
		US-6,281,057 B2	08-28-2001	AYA et al.	
		US-6,307,214 B1	10-23-2001	OHTANI et al.	
		US-6,329,269 B1	12-11-2001	HAMADA et al.	
		US-6,337,229 B1	01-08-2002	YAMAZAKI et al.	
		US-6,337,259 B1	01-08-2002	UEDA et al.	
		US-6,388,270 B1	05-14-2002	YAMAZAKI et al.	

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		Number - Kind Code ² (if known)			
		US-6,433,363 B1	08-13-2002	YAMAZAKI et al.	
		US-6,444,390 B1	09-03-2002	YAMAZAKI et al.	
		US-6,444,506 B1	09-03-2002	KUSUMOTO et al.	
		US-6,444,507 B1	09-03-2002	MIYASAKA	
		US-6,444,509 B1	09-03-2002	NOGUCHI et al.	
		US-6,475,840 B1	11-05-2002	MIYANAGA et al.	
		US-6,479,333 B1	11-12-2002	TAKANO et al.	
		US-6,479,837 B1	11-12-2002	OGAWA et al.	
		US-6,482,684 B1	11-19-2002	YAMAZAKI	
		US-6,486,437 B2	11-26-2002	TANABE	
		US-6,517,642 B2	02-11-2003	HORIE et al.	
		US-6,534,353 B1	03-18-2003	KURAMASU et al.	
		US-6,608,326 B1	08-19-2003	SHINAGAWA et al.	
		US-RE38,266 E	10-07-2003	YAMAZAKI et al.	
		US-6,638,797 B2	10-28-2003	NOGUCHI et al.	
		US-6,646,287 B1	11-11-2003	ONO et al.	
		US-6,673,126 B2	01-06-2004	MIYASAKA et al.	
		US-6,677,222 B1	01-13-2004	MISHIMA et al.	
		US-6,680,223 B1	01-20-2004	YAMAZAKI et al.	
		US-6,690,068 B2	02-10-2004	YAMAZAKI et al.	
		US-6,703,265 B2	03-09-2004	ASAMI et al.	
		US-6,759,677 B1	07-06-2004	YAMAZAKI et al.	
		US-6,764,928 B1	07-20-2004	OHTANI	
		US-6,787,807 B2	09-07-2004	YAMAZAKI et al.	
		US-6,803,296 B2	10-12-2004	MIYAIRI	
		US-6,821,827 B2	11-23-2004	NAKAMURA et al.	
		US-6,828,179 B2	12-07-2004	YAMAZAKI et al.	
		US-6,828,587 B2	12-07-2004	YAMAZAKI et al.	
		US-6,913,956 B2	07-05-2005	HAMADA et al.	
		US-6,924,506 B2	08-02-2005	ZHANG et al.	
		US-6,924,528 B2	08-02-2005	YAMAZAKI et al.	
		US-7,015,083 B2	03-21-2006	YAMAZAKI et al.	
		US-7,153,729 B1	12-26-2006	YAMAZAKI et al.	

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		Number - Kind Code ² (if known)			
		US-2001/0003659 A1	06-14-2001	AYA et al.	
		US-2001/0034088 A1	10-25-2001	NAKAMURA et al.	
		US-2002/0008286 A1	01-24-2002	YAMAZAKI et al.	
		US-2002/0014625 A1	02-07-2002	ASAMI et al.	
		US-2002/0038889 A1	04-04-2002	YAMAZAKI et al.	
		US-2002/0043660 A1	04-18-2002	YAMAZAKI et al.	
		US-2002/0043662 A1	04-18-2002	YAMAZAKI et al.	
		US-2003/0071307 A1	04-17-2003	NOGUCHI et al.	
		US-2003/0160239 A1	08-28-2003	SHINAGAWA et al.	
		US-2003/0207503 A1	11-06-2003	YAMAZAKI et al.	
		US-2005/0019997 A1	01-27-2005	KUSUMOTO et al.	
		US-2005/0054181 A1	03-10-2005	NAKAMURA et al.	
		US-2005/0112850 A1	05-26-2005	YAMAZAKI et al.	
		US-2006/0183276 A1	08-17-2006	YAMAZAKI et al.	
		US-2007/0059949 A1	03-15-2007	YAMAZAKI et al.	
		US-2007/0105288 A1	05-10-2007	MIYAIRI et al.	
		US-2007/0196960 A1	08-23-2007	KASAHARA et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 07-235498	09-05-1995			FULL
		JP 08-008179	01-12-1996			FULL
		JP 09-102467	04-15-1997			FULL
		JP 09-260681	10-03-1997			FULL
		JP 10-341024	12-22-1998			FULL
		JP 2000-081642	03-21-2000			FULL
		JP 2000-340503	12-08-2000			FULL
		JP 2002-093738	03-29-2002			FULL
		JP 2003-068642	03-07-2003			FULL
		JP 2005-327865	11-24-2005			FULL
		EP 0 993 045 A1	04-12-2000			FULL

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		William FELLER, “An Introduction to Probability Theory and Its Applications”, Third Edition, January 1, 1968, pp. 243-245, Vol. 1.	
		S. M. SZE, “Physics of Semiconductor Devices”, Second Edition, January 1, 1968, pp. 386.	
		S. BOZZO et al, “Chemical Vapor Deposition of Silicon-Germanium Heterostructures”, Journal of Crystal Growth, 2000, pp. 171-184, Vol. 216.	
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